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ZEP Manufacturing Company
Acuity Specialty Products Group, Inc.
P.O. Box 2015
Atlanta, GA 30301
1-877-I-BUY-ZEP

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name **I.D. RED (Aerosol)**
Product Use **Aerosol Industrial Degreaser**
Product Code **0096**
Date of issue **02/09/04** Supersedes **01/22/04**

Emergency For MSDS Information:

Telephone **Acuity Specialty Products Group, Inc.**
Numbers **Compliance Services 1-877-I-BUY-ZEP**

For Medical Emergency:

INFOTRAC
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:

CHEMTREC
(800) 424-9309 - All Calls Recorded
In the District of Columbia (202) 483-7616

00502 B363
KINDER MORGAN
5880 NW ST HELENS RD
PORTLAND OR 97210

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Prepared by **Compliance Services Group**
Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
HEXANE; n-hexane	110-54-3	80-90	OSHA PEL (United States). TWA: 500 ppm ACGIH TLV (United States). TWA: 50 ppm Supplier Suggested PEL (United States). TWA: 50 ppm
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	5-15	ACGIH/OSHA (United States). TWA: 400 ppm STEL: 500 ppm
METHANOL; methyl alcohol; wood alcohol; columbia spirits	67-56-1	<5	OSHA/ACGIH (United States). TWA: 200 ppm OSHA /ACGIH (United States). STEL: 250 ppm

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Inhalation. Absorbed through skin.

Skin Hazardous in case of skin contact (irritant, permeator). Skin inflammation is characterized by itching, scaling, or reddening. Product may be dermally absorbed. Can cause central nervous system depression. Defatting properties; may aggravate an existing dermatitis.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation (lung irritant). Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Medical Conditions Aggravated by Overexposure: Respiratory.

Ingestion Aspiration hazard if swallowed- can enter lungs and cause damage. Vomiting increases risk of chemical pneumonia.

HMIS

Health	2
Flammability	4
Reactivity	0
Personal Protection	B, X

USEPA SF



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Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

Prolonged skin contact may cause dermatitis with drying and cracking of skin. Inhalation of spray mists or vapors may cause central nervous system depression characterized by headache, dizziness, nausea, stupor, weakness and/or numbness and tingling in the extremities (medical term - peripheral neuropathy). The likelihood of the effect depends on duration and level of exposure to vapors. Use only with adequate ventilation. Keep vapors below recommended exposure limits. DO NOT breathe vapors or spray mist. DO NOT swallow this product. Repeated or prolonged exposure to the substance can produce damage to kidneys, liver, and lungs. See Section 8 for additional information.

See Toxicological Information (section 11)

Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream Code:** D001
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Consumer Commodity
DOT Classification ORM-D **UN number** Not regulated.

Section 15. Regulatory Information

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
Hexane
Methanol
Clean Water Act (CWA) 311: No products were found.
Clean air act (CAA) 112 regulated toxic substances: Hexane; Methanol

Section 16. Other Information

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.
Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*